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provided by touching contact point 314 and touch sensor 312 may increase the current being channeled through touch sensor 312. As such, the higher amount of current may increase the amount of signal being sent to processor 314 while the amount of "noise" in the system remains constant. As a result, the signal-to-noise ratio of the current measurements and the resulting position measurements may be increased.--

In the Claims

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Please add new claims 19 and 20 as follows.

19. (New) The system of claim 6, wherein the first and second contact points are uniquely driven by phase.

20. (New) The system of claim 6, wherein the first and second contact points are uniquely driven by frequency.

Remarks

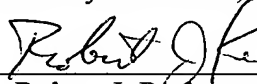
The specification has been amended to correct typographical errors. Applicants submit that no new matter has been added.

New claims 19 and 20 have been added. Support for the new claims can be found throughout the specification, for example on page 19, lines 16-24. No new matter has been added.

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Respectfully submitted,

By


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